

WP3: Methodology 7: Elaborated questions on digital competences

[Partners comments pending!]

Theme 1: Definition of Digital Competences

Elaborated question:

*What is digital competence?*

Sub questions:

* *What does it consist of?*
* *What is the relation to general competences?*

Preliminary framing

* Define digital competence
* Go through those digital competences that are considered most crucial
* Define the relationship between digital and general competence
  + Are they related?
  + Do they support each other?
* Address the matter of the change of the field

Possible aspects to consider

* This is a question that cannot be answered only on the basis of empiric evidence
* Some aspects of this question can be addressed by using the EU standards
* OECD DeSeCo – definition and selection of competences

Theme 2: The role of digital competences in the curriculum

Elaborated question:

*Which elements of digital competence should be acquired at school?*

Sub question:

* *Should teaching of digital competences be a subject of it’s own?*

Preliminary framing

* Link to first question
* How to break down the concept of digital literacy to areas that school can use in teaching?
* What are the subjects at school that should support the development of digital competences?

Possible aspects to consider

* Digital competences that should be acquired at school are related to the key concepts defined by the EU

*Theme 3: Various methods to teach digital competences*

Elaborated question:

What pedagogical practices and methods best support learning digital competences?

Sub question:

* How to promote skilful utilization of digital information resources?

Preliminary framing

* Pedagogical practices and their relation to learning ICT skills
* Examples of good methods for teaching digital competences
* What are the practices that add to the quality of use of information resources?
* How to teach information seeking and management?

Possible aspects to consider

* One could use copy paste as an example of an information processing related problem. There were fairly many questions about this subject.

*Theme 4: Assessing digital competences*

Elaborated question:

*What should be assessed when assessing digital competences?*

Sub questions:

* *How should they be assessed?*
* *Who should assess them?*

Preliminary framing

* Why digital competences should/ should not be assessed?
* Who is qualified to assess digital competences?
* Which competences can / cannot be assessed?
* Are there standards that could be referred to when evaluating the criteria for assessment?
  + Are there different standards for different groups?
* What are the methods that can be used in evaluating the digital competences of a student or a teacher?
* Are there national differencies?

Possible aspects to consider

Theme 5: Teachers’ digital competences requirements

Elaborated question:

*Which digital competences are important for a teacher?*

Preliminary framing

* Do teachers need any digital competences?
* Lists of competences needed in general and especially in the teaching of ICT skills
* What skills should be emphasized in different phases of a teacher’s career?
  + This aspect can also take into account how to develop teachers’ skills
* The relation between a teacher’s and their pupils competences
  + Is there a relation?
  + To which direction?
  + What can be deduced from this?

Possible aspects to consider

* Developing teachers skills should be addressed, but to do so in deep would be a task very large, so it could be addressed here shortly

Theme 6: Digital competences in different groups

Elaborated question:

*How do different gender and age groups differ in their digital competences?*

Sub question:

* *How should they be taken into account?*

Preliminary framing

* Differences between genders
* Differences between age groups
* Conclusions and effects on teaching

Possible aspects to consider

Theme 7: Formal vs. Informal learning

Elaborated question:

*What is the role of formal education vs. informal education in developing a student’s digital competences?*

Frame for the answer:

* What is formal learning?
* What is informal learning?
* What can be learned formally?
* What can be learned informally?
* How to take informal learning into account at school?

Possible aspects to consider